

# CD25 DNA VACCINES FOR TREATING AND PREVENTING T-CELL MEDIATED DISEASES

## Abstract of the Disclosure

Compositions comprising nucleic acids encoding the  $\alpha$  chain of IL-2 receptor (IL-2Ra, CD25), homologs and fragment thereof, are effective in the treatment and prevention of T cell mediated pathologies. Methods are provided for enhancing anti-ergotypic T cell activity in a subject in need thereof, and for treating or preventing T cell mediated pathologies, such as autoimmune disease, inflammatory diseases and graft rejection.